

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year January 1985
to Month/Year January 1986

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Anaconda Minerals Company MINE NAME: Carr Fork Operations

ADDRESS: P. O. Box 79
Tooele, Utah 84074

PERMIT NUMBER AND DATE OF PERMIT: Act/045/004 August 20, 1980

REPRESENTATIVE: R. L. Dent

SECTION(S): 13,24,23,17 TOWNSHIP(S): 35 RANGE(S): 4W
18,19,20,21,28 35 3W

MINERAL(S) MINED: Copper

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: #26976 - #29634

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: #382 Utah Division of Lands
and Forestry

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

<u>Disturbance</u>	<u>Acreage</u>
Pit	<u>Underground Mine</u>
Roads	<u>20</u>
Facilities	<u>512</u>
Waste Dumps	<u> </u>
Other	<u> </u>

(b) Tabulation of acreage affected to date (by years).

<u>Date by Year</u>	<u>Acreage (Total)</u>
1975	<u> </u>
1976	<u> </u>
1977	<u> </u>
1978	<u> </u>
1979	<u> </u>
1980	<u>532</u>
1981	<u>532</u>
1982	<u>532</u>
1983	<u>532</u>
1984 & 1985	<u>532</u>

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area			
	1	2	3	etc.
	N/A			
Acreage of Area	<u> </u>			
Depth of Topsoil Removal (inches)	<u> </u>			
Depth of Topsoil Replacement (inches)*	<u> </u>			
Estimate of Topsoil Volume Salvaged (yd ³ or ac ft)	<u> </u>			
Volume Actually Salvaged (yd ³ or ac ft)	<u> </u>			
Volume Required for Reclamation (yd ³ or ac ft)	<u> </u>			
Surplus or Deficit Volume (yd ³ or ac ft)	<u> </u>			
Storage Status (short- or long-term)	<u> </u>			

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
	N/A			
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd ³ or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
N/A		

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	N/A	
(Milled)	N/A	

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.

N/A

2. Roads.

N/A

3. Diversion ditches, collector ditches, interceptor ditches, etc.
Repair and clean out following flooding in Spring of 1985

4. Culverts.
Repair and clean out following flooding in Spring of 1985

5. Sediment ponds, containment ponds.
Mine dewatering stopped in Feb. 1985.
Sediment ponds no longer in use

6. Monitoring sites (vegetative, air quality, surface subsidence,
surface water or ground water, etc.).
N/A

7. Topsoil stockpiles.
N/A

(g) Description of any environmental problem areas with a proposed plan
for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.
N/A

2. Subsidence.
None apparent

3. Accidental water discharge, dam failure, etc.

None

4. Slumping, sliding or erosion.

Continues in area (Baltimore Gulch) associated with May 1984 mudslide

5. Revegetation problem areas.

No reseeding took place in 1985 as a result of suspension of mining. Mud slide area in Upper Pine Canyon remains unstable.

6. Existence and location of unsuitable (toxic) overburden.

N/A

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area

Acreage

None

2. Topsoiled areas.

Area

Acreage

None

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
None	

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
None	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	
1984	

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.

None

2. Type of seed (species) used for seeding during the report period.

None

3. Date of seeding during the report period.

Spring N/A

Fall N/A

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

N/A

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

N/A

6. Type and rate of fertilizer applied.

N/A

7. Type and rate of mulch applied.

N/A

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

N/A

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

None - Previous test plot data was reviewed and utilized in the
preparation of the Reclamation/Stabilization Plan submitted for
DOGM approval in March 1986.

10. Soil analysis results.

Numerous soil analyses were obtained in preparation of the
Reclamation/Stabilization Plan submitted to DOGM in March 1986.

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.
See Reclamation/Stabilization Plan

2. Types (species) of seed that are not growing successfully.
See above

3. Areas experiencing problems with weeds and weed types.
See above

4. Significant erosional problems.
See above

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.
See above

6. Procedures used or proposed to correct these problems.
See above

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
N/A		

8. Results of soil analysis.
See Reclamation/Stabilization Plan

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading	N/A	
2. Backfilling	N/A	
3. Contouring	N/A	
4. Topsoil Replacement	N/A	
5. Seeding	N/A	
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other	N/A	

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	None	Refer to 8/20/80 contract)	

Increased disturbance, if any:

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
N/A		

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
(b) Other special conditions (status).

APPENDIX I

ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.
2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.
3. Maps must have a title block with:
 - A. Map title.
 - B. Name and address of permittee.
 - C. Permit and amendment numbers.
 - D. Annual report period.
 - E. Scale, north arrow, contour interval, date of photography, etc.
4. All maps must show:
 - A. Legal subdivisions.
 - B. Permit area boundary clearly shown and labelled.
 - C. Amendment areas clearly shown and labelled.
 - D. Contour features.
5. The following features should all be clearly identified:
 - A. Topsoil stockpiles (numbered and with volumes).
 - B. Settling ponds and sediment control structures.
 - C. Haul roads.
 - D. Pits identified by location, name, number, etc.
 - E. Ramps (numbered).
 - F. Out-of-pit spoil dumps.
 - G. All waste disposal sites including, but not limited to:
 1. Landfill sites.
 2. Carbonaceous waste dumps.
 - H. Diversion ditches.
 - I. Monitoring sites.
6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.

ANACONDA Minerals Company
555 Seventeenth Street
Denver, Colorado 80202
Telephone 303 293 4000

Dave Wham



RECEIVED
MAR 17 1986

DIVISION OF
OIL, GAS & MINING

ACT/045/004

March 13, 1986

Mr. Lowell P. Braxton, Administrator
Mineral Resource Development and
Reclamation Program
Utah Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

Enclosed please find a completed copy of the Annual Operations and Progress Report (MR Form 3). The form continues to be somewhat nonapplicable to our Carr Fork Operation because the mining activities were curtailed in 1981 and mine dewatering ceased in February of 1985. No new surface disturbances or reclamation associated with active mining occurred in 1985. As there was no activity in 1985, the mine maps do not require updating and, therefore, were not revised.

As you are aware, Anaconda sold a portion of the Carr Fork Mine which includes the ore body, underground workings, mine shafts and surface support facilities, and the surface rights in upper Pine Canyon to Kennecott in September of 1985. Reclamation responsibilities associated with Kennecott's portion of the Carr Fork property were also transferred by Anaconda to Kennecott. Additionally, on March 3, 1986 Anaconda submitted to your offices our plan for reclamation and stabilization of our portion of the Carr Fork Mine site as well as the old IS&R smelter site. Assuming Division of Oil, Gas and Mining approval of the plan within the next three months, Anaconda is prepared to initiate reclamation at the site as early as July of this year.

Sincerely,

R. L. Dent
Environmental Advisor

RLD:nc

Enclosure